

Panaji, 4th May, 1978 (Vaisaka 14, 1900)

SERIES I No. 5

OFFICIAL GAZETTE



GOVERNMENT OF GOA, DAMAN AND DIU

GOVERNMENT OF GOA, DAMAN AND DIU

Department of Personnel and Administrative Reforms

Notification

5-3-74-Div. I (Part file)

In exercise of the powers conferred on him in the Schedule (Part III, Sr. No. XV(iii)) to the Central Civil Service (Classification, Control and Appeal) Rules, 1965, as approved by the Government of India, Cabinet Secretariat, Department of Personnel, New Delhi, the Administrator of Goa, Daman and Diu specify the Under Secretary (Home) as common *ad-hoc* disciplinary authority in the proceedings against S/Shri Manuel Almeida, U.D.C. in the Secretariat Administration and Co-ordination Division; J. F. Fernandes, U.D.C. in Law Department; N. S. Naik, U.D.C. in Forest and Agriculture Department; J. B. Bene, U.D.C. in Works, Education and Tourism Department all in the Secretariat though the regular disciplinary authority over them is the Joint Secretary; Law Secretary and Development Commissioner respectively by virtue of Notification No. 5-3-74-Div. I (Part file) dated 22nd February, 1978 as to have a uniform decision as the alleged misconduct committed by all the aforesaid officials is common.

By order and in the name of the Administrator of Goa, Daman and Diu.

V. J. Menezes, Under Secretary (Personnel).

Panaji, 26th April, 1978.

Industries and Labour Department

Notification

1/227/73-LAB/1404

Whereas the draft Notification fixing the minimum rates of wages payable to various categories of employees employed in various trades mentioned in the Scheduled employment of "Employment in Cinema Exhibition Industry" was published as required by clause (b) of sub-section (1) of section 5 of the Minimum Wages Act, 1948 (Central Act 11 of 1948), at pages 297-298 of the Official Gazette No. 29, Series I, dated 14th October, 1976, under the Notification No. 1/227/73-LAB/1500 dated 24th September, 1976

of the Labour and Information Department, Government of Goa, Daman and Diu, inviting objections and suggestions from all persons likely to be affected thereby till two months from the date of publication of the Notification in the Official Gazette;

And Whereas the said Official Gazette was made available to the public on 14th October, 1976;

And Whereas the objections and suggestions received from the public on the said draft have been considered by the Government of Goa, Daman and Diu;

Now, Therefore, in exercise of the powers conferred by clause (a) of sub-section (1) of section 3 read with clause (iii) of sub-section (1) of section 4 and sub-section (2) of section 5 of the Minimum Wages Act, 1948 (Central Act 11 of 1948), the Government of Goa, Daman and Diu hereby fixes the minimum rates of wages payable to the categories of employees employed in "Cinema Exhibition Industry" as shown in the Schedule below:—

SCHEDULE

Category of Work	All inclusive minimum rates of Wages
	Goa, Daman and Diu
1	2
CATEGORY I	
1. Manager	
2. Head Clerk	
3. Auditor	Rs. 12.00 per day
4. Head Operator/Chief Operator	Rs. 72.00 per week
First Operator	
5. Head Air-conditioning Operator	Rs. 312.00 per month
6. Any other Employees by whatever name called but doing the work of the nature done by persons falling under this category.	
CATEGORY II	
1. Asstt. Manager	
2. Supervisor	
3. Stenographer	Rs. 10.00 per day
4. Clerk	Rs. 60.00 per week
5. Accounts Clerk	Rs. 260.00 per month
6. Telephone Operator	(for Matriculates)
7. Typist	
8. Wiremen	Rs. 8.00 per day
9. Car/Van Driver	Rs. 48.00 per week
10. Operator	Rs. 208.00 per month
11. Electrician	(Non-Matriculates)
12. Store Keeper	
13. Store Clerk	
14. Any other Employees by whatever name called but doing the work of the nature done by persons falling under this category.	

1

2

CATEGORY III

- | | |
|-------------------------------------|----------------------|
| 1. Asstt. Operator | |
| 2. Asstt. Air-conditioning Operator | |
| 3. Carpenter | Rs. 6.00 per day |
| 4. Tinsmith | Rs. 36.00 per week |
| 5. Painter/Artist | Rs. 156.00 per month |
| 6. Winder/Rewinder/Cabin Boy | |
| 7. Booking Clerk | |
| 8. Asstt. Store Keeper. | |

CATEGORY IV

- | | |
|-----------------------|----------------------|
| 1. Door Keeper | |
| 2. Care Taker | |
| 3. Reliever | |
| 4. Liftman | |
| 5. Watchman/Chowkidar | |
| 6. Oilman | |
| 7. Hamal | |
| 8. Helper | |
| 9. Battery Boy | |
| 10. Posterman | |
| 11. Sweeper | Rs. 5.00 per day |
| 12. Cleaner | Rs. 30.00 per week |
| 13. Malli | Rs. 130.00 per month |
| 14. Gardener | |
| 15. Peon | |
| 16. Office Boy | |
| 17. Cycle Stand Boy | |
| 18. Handbill Boy | |
| 19. Attendant | |
| 20. Messenger | |
| 21. Announcer | |
| 22. Scavenger | |
| 23. Manal/Labourer | |
| 24. Polishwala | |

Conditions:—

i) Where in any area or establishment scheduled employment wages fixed under this Notification are lower than the wages fixed by the Central Government or by agreement or settlement or contract or Contractors' Regulations attached to the conditions of contract, the higher rate would be payable as Minimum Wages under this Notification.

ii) The minimum rates of wages are applicable to employees engaged by the Principal Employers or Contractors or Sub-Contractors, etc.

iii) The minimum rates of wages fixed is all inclusive rate including the wages for the weekly day of rest.

iv) Both men and women workers have to be paid the same rates of wages fixed for category and for equal work.

v) The minimum rates of wages payable to an adolescent certified to work as an adult shall be the same as payable to an adult. In case he or she is certified to work as an adolescent only, the rate of wages payable shall be 80% of the minimum rates of wages fixed for adults.

vi) Where part-time workers are employed, they should be paid pro-rata wages in accordance with the number of hours of work done.

vii) Where payment is made on piece rate basis for any of the categories for which time-rate is fixed, the wages of the employees shall not be less than the minimum time rate fixed for a normal day's work.

By order and in the name of the Administrator of Goa, Daman and Diu.

G. M. Sardesai, Under Secretary, Industries and Labour.

Panaji, 25th April, 1978.

Notification

2-192-78-IPD

In exercise of the powers conferred by Section 21(2) read with section 51(A) of the Indian Electricity Act, 1910 the Lt. Governor of Goa, Daman and Diu hereby amends "the conditions and miscellaneous charges for supply of Electrical Energy" (hereinafter called the principal notification) as follows, namely:—

In the principal Notification—

i) In clause 35, after sub-clause (e), the following shall be inserted namely:—

(f) The power supply shall not be released unless the power factor correction apparatus (hereinafter called the "Capacitor"), of a capacity shown in Annexure 'C' is installed with all the three phase Motors and also with Welding Transformers. The capacitor to be used should be one manufactured by a firm approved by the Electricity Department. The Department may require any consumer to provide capacitors on any equipment, which in the opinion of the department is likely to draw power at low power factor. The release of power connection may be refused if these requirement are not complied with.

In case of HT installations the consumers may install capacitors to a group of three phase Motors and also with a group of welding transformers.

In case of installation which are in existence on the date of issue of this notification the consumer shall, within 6 months from such date, install the capacity of the rating shown in Annexure 'C' failing which the Department shall be entitled to discontinue power supply without prejudice to the recovery of minimum charges as per the agreement".

ii) After Annexure 'B' the following shall be inserted, namely:—

"Annexure 'C'.

By order and in the name of the Lieutenant Governor of Goa, Daman and Diu.

G. M. Sardesai, Under Secretary, Industries and Labour.

Panaji, 25th April, 1978.

ANNEXURE 'C'

Recommended capacitor rating for direct connection to induction motor to improve power factor to 0.95 or better at all loads

Motor H. P.	Capacitor rating in KVAR.					
	3000 rpm.	1500 rpm.	1000 rpm.	750 rpm.	600 rpm.	500 rpm.
2.5	1	1	1.5	2	2.5	2.5
5	2	2	2.5	3.5	4	4
7.5	2.5	3	3.5	4.5	5	5.5
10	3	4	4.5	5.5	6	6.5
12.5	3.5	4.5	5	6.5	7.5	8
15	4	5	6	7.5	8.5	9

Motor H. P.	Capacitor rating in KVAR.					
	3000 rpm.	1500 rpm.	1000 rpm.	750 rpm.	600 rpm.	500 rpm.
17.5	4.5	5.5	6.5	8	10	10.5
20	5	6	7	9	11	12
22.5	5.5	6.5	8	10	12	13
25	6	7	9	10.5	13	14.5
27.5	6.5	7.5	9.5	11.5	14	16
30	7	8	10	12	15	17
32.5	7.5	8.5	11	13	16	18
35	8	9	11.5	13.5	17	19
37.5	8.5	9.5	12	14	18	20
40	9	10	13	15	19	21
42.5	9.5	11	14	16	20	22
45	10	11.5	14.5	16.5	21	23
47.5	10.5	12	15	17	22	24
50	11	12.5	16	18	23	25
55	12	13.5	17	19	24	26
60	13	14.5	18	20	26	28
65	14	15.5	19	21	27	29
70	15	16.5	20	22	28	31
75	16	17	21	23	29	32
80	17	19	22	24	30	34
85	18	20	23	25	31	35
90	19	21	24	26	33	37
95	20	22	25	27	34	38
100	21	23	26	28	35	40
105	22	24	27	29	36	41
110	23	25	28	30	38	43
115	24	26	29	31	39	44
120	25	27	30	32	40	46
125	26	28	31	33	41	47
130	27	29	32	34	43	49
135	28	30	33	35	44	50
140	29	31	34	36	46	52
145	30	32	35	37	47	54
150	31	33	36	38	48	55
155	32	34	37	39	49	56
160	33	35	38	40	50	57
165	34	36	39	41	51	59
170	35	37	40	42	53	60
175	36	38	41	43	54	61
180	37	39	42	44	55	62
185	38	40	43	45	56	63
190	38	40	43	45	58	65
195	39	41	44	46	59	66
200	40	42	45	47	60	67
205	41	43	46	48	61	68
210	42	44	47	49	61	69
215	42	44	47	49	62	70
220	43	45	48	50	63	71
225	44	46	49	51	64	72
230	45	47	50	52	65	73
235	46	48	51	53	65	74
240	46	48	51	53	66	75
245	47	49	52	54	67	75
250	48	50	53	55	68	76

Recommended capacitor rating for direct connection to
welding transformers for power factor correction

Single phase Single Operator	
Continuous Rating KVA	Capacitor Rating KVA
9	5
12	6.5
18	10
24	12.5
30	15
36	20
57	25
95	45
128	50
160	75

Law Department (Legal Advice)

Notification

LD/Bill/1/78

The following Act which was passed by the Legislative Assembly and assented to by the Administrator of Goa, Daman and Diu on 14-4-1978 is hereby published for general information of the public.

B. S. Subbanna, Under Secretary (Law).

Panaji, 26th April, 1978.

The Goa, Daman and Diu Sales Tax (Amendment) Act, 1978

(Act No. 5 of 1978) [14th April, 1978]

AN

ACT

further to amend the Goa, Daman and Diu Sales Tax Act, 1964.

Be it enacted by the Legislative Assembly of Goa, Daman and Diu in the Twenty-ninth Year of the Republic of India as follows:—

1. *Short title and commencement.*— (1) This Act may be called the Goa, Daman and Diu Sales Tax (Amendment) Act, 1978.

(2) It shall come into force on such date as the Government may, by notification in the Official Gazette, appoint.

2. *Insertion of new section 7A.*— After section 7 of the Goa, Daman and Diu Sales Tax Act, 1964 (4 of 1964) (hereinafter referred to as the "principal Act"), the following section shall be inserted, namely:—

"7A. *Levy of additional tax.*— (1) There shall be levied and collected from every dealer liable to pay tax under this Act and whose gross turnover of sales exceeds ten lakhs of rupees in a year, an additional tax at the rate of ten paise in the rupee on the sales tax payable by such dealer for that year under this Act:

Provided that, in calculating the additional tax payable by the dealer, the tax payable under this Act in respect of sales of declared goods specified in section 14 of the Central Sales Tax Act, 1956 shall not be taken into consideration. (Central Act 74 of 1956)

(2) Notwithstanding anything contained in this Act, no dealer shall be entitled to collect any sum by way of additional tax payable by him under this section.

(3) The provisions of this Act and the Rules made thereunder shall, so far as may be, apply in relation to the additional tax as they apply in relation to the tax payable under this Act."

3. *Amendment of section 30.* — In sub-section (1) of section 30 of the principal Act, clause (a) shall be renumbered as clause (aa) and before the clause so renumbered, the following clause shall be inserted, namely: —

"(a) contravenes the provisions of sub-section (2) of section 7A; or".

4. *Amendment of section 31A.* — In section 31A of the principal Act, after the expression "contravention of the provisions" and before the expression "of section 16" the expression "of sub-section (2) of section 7A or" shall be inserted.

5. *Amendment of section 32.* — In sub-section (1) of section 32 of the principal Act, for the expression "committed is under clause (a)" the expression "committed is under clause (aa)" shall be substituted.

Secretariat K. C. D. GANGWANI
Panaji, Secretary to the Government of Goa,
15th April, 1978. Daman and Diu.

Notification

LD/607/78

The following Notifications received from the Government of India, Ministry of Industry New Delhi are hereby republished for general information of the public.

B. S. Subbanna, Under Secretary (Law).

Panaji, 14th February, 1978.

GOVERNMENT OF INDIA

MINISTRY OF INDUSTRY

(Department of Industrial Development)

(Central Boilers Board)

New Delhi, the 20th July, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923),

at page 2089 of the Gazette of India, Part II-Section 3-Sub-section (i) dated the 31st July, 1976 under the notification of the Government of India, in the late Ministry of Industry and Civil Supplies No. G. S. R. 1153, dated the 13th July, 1976 inviting objections and suggestions from all persons likely to be affected thereby till the 31st October, 1976;

And Whereas the said Gazette was made available to the public on the 31st July, 1976;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Tenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In regulation 266 of the Indian Boiler Regulations, 1950, for clause (d), the following clause shall be substituted, namely: —

"(d) Removal of defects — Defects shall be cut out by chipping or machining or by burning out by the Air Arc Weld Process".

S. C. DEY

Secretary, Central Boilers Board.

No. BL-9(19)/68-EEI (Boiler)

New Delhi, the 21st July, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 2381 of the Gazette of India, Part II — Section 3 — Sub-section (i), dated the 18th September, 1976 under the notification of the Government of India in the late Ministry of Industry and Civil Supplies (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 1337, dated the 19th July, 1976 inviting objections and suggestions from all persons likely to be affected thereby till the 18th December, 1976;

And Whereas the said Gazette was made available to the public on the 18th September, 1976;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boiler Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Eleventh Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950 (hereinafter referred to as the said Regulations) in the list of "Well known Steel Makers" in the Appendix 'G', the following shall be added after Serial No. 56, namely:—

"57. Mahindra Ugine Steel Co. Ltd.,
'BAKHTAWAR', Nariman Point,
BOMBAY - 400021."

3. In the said Regulations, in the list of "Well Known Steel Makers" in Appendix 'G', the following shall be added at the end, namely:—

"67-M/S Vereinigte Österreichische Eisen-und
Stahlwerke-Alpine Montan
Aktiengesellschaft
Friedrichstra Be 4, 1011, Wien,
AUSTRIA."

S. C. DEY

Secretary, Central Boilers Board

F. No. 6(1)/73-Boilers.

New Delhi, the 22nd July, 1977

Notification

G. S. R. — Whereas certain draft regulations, further to amend the Indian Boiler Regulations, 1950 were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923), at page 2538 of the Gazette of India, Part II Section 3 Sub-Section (i), dated the 9th October, 1976, under the notification of the Government of India in the Ministry of Industry No. G.S.R. 1437, dated the 24th September, 1976, inviting objections and suggestions from all persons likely to be affected thereby till the 11th January, 1977;

And Whereas the said Gazette was made available to the public on the 11th October, 1976;

And Whereas no objections or suggestion have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely:—

1. (1) These regulations may be called the Indian Boiler (Twelfth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in Appendix 'K', in the list of "Well Known Forges", the following shall be added at the end, namely:—

"17. Eby Industries, A-287, Taloja,
District Kolaba,
Maharashtra".

S. C. DEY

Secretary, Central Boilers Board

F. No. 8(21)/75-Boilers

New Delhi, the 23rd July, 1977

Notification

G. S. R. — Whereas certain draft regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923), at pages 84-85 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 8th January, 1977, under the notification of the Government of India in the Ministry of Industry No. G.S.R. 44, dated the 17th December, 1976, inviting objections and suggestions from all persons likely to be affected thereby till the 8th April, 1977;

And Whereas the said Gazette was made available to the public on the 10th January, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely:—

1. (1) These regulations may be called the Indian Boiler (Thirteenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In Appendix C of the Indian Boiler Regulations, 1950, in the list of "Inspecting Authority" recognised as Competent under regulation 2(g), in column 2, for the existing entries against S. Nos. 2, 3, 5, and 7, the following entries shall respectively be substituted, namely:—

"2. Commercial Union Assurance Co., Ltd., P.
O. Box 232, Pembroke House 40, City Road,
London EGI P IEE
(Associate offices Technical Committee).

"3. Scottish Boiler and General Insurance Co.
Ltd., Windsor House, 250 St. Vincent Street,
Glasgow. G 2 5UT. Scotland.
(Associate offices Technical Committee).

"5. National Vulcan Engineering Insurance
Group Ltd., St. Mary's Personage, Man-
chester M60 9 AP
(Associate offices Technical Committee).

"7. British Engine Boiler and Electrical Insu-
rance Co. Ltd., Longridge House, Manches-
ter M60 4DT
(Associate offices Technical Committee)".

Sd/-

(S. C. DEY)

Secretary, Central Boilers Board

F. No. 8(1)/75-Boilers.

New Delhi, the 31st October, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950,

were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 298 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 29th January, 1977 under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. GSR 132 dated the 12th January, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 29th April, 1977;

And Whereas the said Gazette was made available to the public on the 29th January, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Fourteenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, —

(1) for regulation 262, the following regulation shall be substituted, namely: —

“262. *Bend Tests.* — The specimen shall be mounted in such a way that the axis of the former is in the middle of the weld, and on roller supports the faces of which are separated by a distance determined by the thickness of the specimen.

The test specimen shall be pushed through the supports by a former having a diameter also determined by the thickness of the specimen. The requirements of the Table below, relating to the thickness of the test specimen, shall apply.

Table — Bend Test Requirements

Specified minimum tensile strength of plate	Diameter of Former	Free space between supports at the end of test
Below 44 kgf/mm ²	2 t	4.2 t
From 44 to 54 kgf/mm ²	3 t	5.2 t
Above 54 kgf/mm ²	4 t	6.2 t

On completion of the test, no crack or defect on the outer surface of the specimen shall be greater than 1.5 mm measured across the specimen, or 3 mm measured along the specimen. Premature failure at the corners of the specimen shall not be considered as a cause for rejection”;

(2) in regulation 611, for clause (d), the following clause shall be substituted, namely: —

“(d) *Welded Tube Joints.* — A test length approximately 203 mm long shall be cut from the tube with the welded joint disposed approximately at the centre. After visual examination, one test piece not exceeding 13 mm for tubes 6 mm in thickness and below and thrice the

thickness of the tube for thickness of over 6 mm shall be cut longitudinally.

The test piece shall not be less than 76 mm in length on either side of the weld. The slight excess of internal bead may be filled until it is not more than 0.8 mm proud of the general surface. The test piece shall then be bent back with the root in tension through 90 degree round a former of diameter equal to three times the thickness of the tubes. With regard to alloy steel pipes and tubes, the bend test specimen shall be bent without being straightened, but after removal of the weld reinforcement down to the level of but not below the surface, round a former of diameter 4 t and through an angle of 90 degree. The bending may be carried out by blows or by pressure. Care shall be taken to ensure that the former is so positioned that the weld is maintained at the crown of the bend. The test specimen shall be capable of being bent through 90 degree without signs of failure, although slight premature failure at the edges of a specimen need not be considered a cause for rejection. The opening out of a slight defect due to incomplete root penetration or lack of root fusion need not be considered a cause for rejection, provided the defect has sound metal at the back and on either side of it.”.

Sd/-

(S. C. DEY)

Secretary, Central Boilers Board

F. No. BL-9(16)/69-Boilers

New Delhi, the 15th December, 1977

Notification

G. S. R. — Whereas certain regulations further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923), at page 943 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 19th March, 1977 under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 373, dated the 4th March, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 19th June, 1977;

And Whereas the said Gazette was made available to the public on the 19th March, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Fifteenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in Appendix K, in the list of "Well known Forges" the following shall be added at the end, namely: —

"18. M/S Echjay Industries Private Limited,
Kanjur Village Road, Bhandup,
Bombay-400078."

S. C. DEY

Secretary, Central Boilers Board.

F. No. 8/3/74-Boilers

New Delhi, the 8th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923), at page 942 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 19th March, 1977 under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G.S.R. 367 dated the 23rd February, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 19th June, 1977;

And Whereas the said Gazette was made available to the public on the 19th March, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Sixteenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in Appendix 'K' in the list of "Well known Forges", the following shall be added at the end, namely: —

"19. M/S Guest Keen Williams Ltd.,
97, Andul Road, Howrah-3,
West Bengal".

S. C. DEY

Secretary, Central Boilers Board.

F. No. 8/2/76-Boilers.

New Delhi, the 9th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 942 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 19th March,

1977, under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 369, dated the 24th February, 1977, inviting objections and suggestions from all persons likely to be affected thereby till the 19th June, 1977;

And Whereas the said Gazette was made available to the public on the 19th March, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Seventeenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in Appendix 'K', in the list of "Well known Foundries", the following shall be added at the end, namely: —

"22. M/S Bhartia Electric Steel Company Limited,
13/4, Mathura Road, Faridabad."

S. C. DEY

Secretary, Central Boilers Board.

F. No. 8/3/76-Boilers.

New Delhi, the 12th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 1792 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 11th June, 1977 under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 712, dated the 27th May, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 11th September, 1977;

And Whereas the said Gazette was made available to the public on the 14th June, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Eighteenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in Appendix 'K', in the list of "Well known Foundries", the following shall be added at the end, namely:—

"23. M/S Uni Abex Alloy Products Ltd.,
Mulla Baug, Swami Vivekanand Road,
Manpada, Thana—400607 (Maharashtra)".

S. C. DEY

Secretary, Central Boilers Board

F. No. 8(23)/75-Boilers

New Delhi, the 13th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 661 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 26th February, 1977, under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 260, dated the 15th February, 1977, inviting objections and suggestions from all persons likely to be affected thereby till the 26th May, 1977;

And Whereas the said Gazette was made available to the public on the 26th February, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely:—

1. (1) These regulations may be called the Indian Boiler (Nineteenth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in sub-clause (i) of clause (a) of regulation 282, for the asterisk mark and words "steel castings", the words "steel castings" shall be substituted; and in the foot-note, the corresponding Note with asterisk mark shall be omitted.

S. C. DEY

Secretary, Central Boilers Board.

F. No. 6(24)/7-Boilers.

New Delhi, the 14th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of

1923), at page 225 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 22nd January, 1977 under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 105, dated the 5th January, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 22nd April, 1977;

And Whereas the said Gazette was made available to the public on the 22nd January, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely:—

1. (1) These regulations may be called the Indian Boiler (Twentieth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in regulation 546, for clause (c), the following clause shall be substituted, namely:—

"(c) Longitudinal welds shall be placed at the lower part of the furnace and shall break joint in successive sections at least by 150 mm".

S. C. DEY

Secretary, Central Boilers Board.

F. No. 6/9/74-Boilers.

New Delhi, the 15th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 1483 of the Gazette of India, Part II — Section 3 — Sub-section (i), dated the 30th April, 1977, under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 555, dated the 5th April, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 30th July, 1977;

And Whereas the said Gazette was made available to the public on the 2nd May, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely:—

1. (1) These regulations may be called the Indian Boiler (Twenty First Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in regulation 357, in clause (e), for sub-clause (i), the following shall be substituted, namely:—

“(i) Stress Relieving. — (a) For Carbon steel, a stress relieving heat treatment shall be performed by heating the part to at least $600^{\circ} + 20^{\circ}\text{C}$.

When required by the characteristics of the material, different temperatures may be necessary to obtain appropriate stress-relieving. The part to be stress-relieved shall be brought slowly up to the specified temperature and held at that temperature for a period proportionate on the basis of at least two and a half minutes per millimeter of the maximum thickness of the part (approximately one hour per twenty-six millimeter of the thickness) and shall be left to cool in the furnace to a temperature which, for parts with the thickness greater than 20 millimeter does not exceed 400°C . After withdrawal from the furnace, the part shall be moved in a still atmosphere. A temperature-time diagram of the stress-relieving process shall be provided when the Inspecting Authority requires it.

Note: Other stress-relieving heat treatments at a temperature as low as 550°C may be adopted, provided attention is given to the holding time in order to ensure a specific degree of stress relieving.

(b) For alloy Steel, a stress-relieving heat treatment shall be carried out on the basis of the composition of the alloy as shown in the Table below:

TABLE

Type of steel	Range of temperature	Time at temperature per 20 mm of thickness of plate
1/2 MO 1/2 Cr 1/2 MO	$620^{\circ} - 650^{\circ}\text{C}$	1 hour (1 hour minimum)
1 Cr 1/2 MO 1 1/4 Cr 1/2 MO	$620^{\circ} - 660^{\circ}\text{C}$	1 hour (1 hour minimum)
2 1/4 Cr 1 MO	$660^{\circ} - 750^{\circ}\text{C}$	1 hour (1 hour minimum)

(c) Stress relieving shall be carried out by any of the following methods:—

(1) Local heating using a portable muffle furnace, induction coils or other suitable appliances. Particular care shall be taken to apply heat uniformly over the area to be treated. The use of procedures that do not provide adequate control for this purpose, such as manual operation gas torches is not permissible. The temperature shall be measured by the thermo-couples pinned, welded or otherwise suitably attached to the surface of the pipe and where necessary, protected from flame impingement.

(2) Heating in a stationary industrial furnace. The temperature of the joint shall be measured by thermo-couples so disposed within the furnace as to give a true measure of the joint temperature.”

S. C. DEY
Secretary, Central Boilers Board.

F. No. 9/23/72-Boilers

New Delhi, the 17th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 943 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 19th March, 1977 under the notification of the Government of India in the Ministry of Industry No. G.S.R. 372, dated the 1st March, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 19th June, 1977;

And Whereas the said Gazette was made available to the public on the 19th March, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely:—

1. (1) These regulations may be called the Indian Boiler (Twenty Second Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In regulation 361 of the Indian Boiler Regulations, 1950, after clause (b), the following clauses shall be inserted, namely:—

“(c) Fabricated pipe bends may be made by Welding together bevelled sections of straight pipe, provided—

(i) the angle between the axis of the adjoining sections does not exceed 30° and;

(ii) the thickness is at least: $\frac{K-0.5}{K-1}$ times

the minimum thickness required for the straight pipe to which the bend is joined,

Where, K = ratio of the radius of the bend (from centre of curvature to centre of pipe) to the inside radius of the pipe.

Note: Gusseted Bends shall be used for a pressure not exceeding 21 Kilogramme per square centimetre and temperature not exceeding 260 Degree Centigrade.

S. C. DEY
Secretary, Central Boilers Board.

F. No. BL-9/8/69-Boilers.

New Delhi, the 19th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 1639 of the Gazette of India, Part-II —

— Section 3 — Sub-section (i), dated the 21st May, 1977 under the notification of the Government of India in the Ministry of Industry No. G. S. R. 636, dated the 4th May, 1977, inviting objections and suggestions from all persons likely to be affected thereby till the 21st August, 1977;

And Whereas the said Gazette was made available to the public on the 24th May, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Twenty Third Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, for regulations 562, the following shall be substituted, namely: —

“562. Heat Treatment. — All boilers shall be stress-relieved by heat-treatment after completion of all welding and before hydraulic test, when,

(a) constructed to Class I or II requirements.

(b) The shell thickness exceeds $\frac{D}{112} + C$

where D = internal diameter of the shell and
C = 5.6 mm.

for Carbon steel a stress relieving heat treatment shall be performed by heating part to at least $600 + 20^{\circ}\text{C}$. When required by the characteristics of the material, different temperatures may be necessary to obtain proper stress relieving. The part to be stress-relieved shall be brought slowly up to the specific temperature and held at that temperature for a period proportionate on the basis of at least $2\frac{1}{2}$ minutes per millimetre of the maximum thickness of part (approximately one hour per 25 mm of thickness) and shall be left to cool in the furnace to a temperature which, for the parts with a thickness greater than 20 mm does not exceed 400°C . After withdrawal from the furnace the part shall be allowed to cool in a still atmosphere. A temperature-time diagram of the stress-relieving process shall be provided for a welded shell or drum and a similar diagram for other welded pressure parts when the Inspecting Authority requires it.

During heat treatment the Official test plates shall be inside the boiler. Where the shell is subjected to a primary stress relieving treatment identical to the final heat treatment to be given to the boiler, the test plates may be placed inside the shell during primary treatment and thereafter cut up and tested without waiting for the final treatment of the boiler.

Where the shell is not subject to primary stress relieving treatment or is subjected to primary stress relieving treatment which is not identical

with the final heat treatment, the test plates may be placed inside any other boiler of comparable dimensions which is to be heat treated in accordance with this chapter.

Temperature charts shall be submitted to indicate that the test plates and the boilers they represent have been subjected to identical heating, soaking and cooling treatment.

Note: Other stress-relieving heat treatment at a temperature as low as 550°C may be adopted, provided attention is given to the holding time in order to ensure a sufficient degree of stress-relieving.”

S. C. DEY

Secretary, Central Boilers Board

F. No. 6(3)/73-Boilers.

New Delhi, the 22nd December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 942 of the Gazette of India, Part II — Section 3 — Sub-section (i), dated the 19th March, 1977 under the notification of the Government of India in the Ministry of Industry (Department of Industrial Development) (Central Boilers Board) No. G. S. R. 370, dated the 25th February, 1977, inviting objections and suggestions from all persons likely to be affected thereby till the 19th June, 1977;

And Whereas the said Gazette was made available to the public on the 19th March, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Twenty Fourth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in the list of “Well known Steel Makers”, in Appendix ‘G’, for S. No. 66 and the entry relating thereto, the following shall be substituted, namely: —

“66. Messrs. Thyssen Edelstahlwerke, A. G.
4150 Krefeld I, Oberschlesienstrasse 16,
Post-fach 730 (West Germany)”.

S. C. DEY

Secretary, Central Boilers Board.

F. No. 8(16)/72-Boilers.

New Delhi, the 23rd December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 1665 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 28th May, 1977 under the notification of the Government of India in the Ministry of Industry No. G. S. R. 663, dated the 7th May, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 28th August, 1977;

And Whereas the said Gazette was made available to the public on the 31st May, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Twenty Fifth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in the list of "Well Known Steel Makers", in Appendix 'G', the following shall be added at the end namely: —

"68. M/S Nippon Steel Corporation,
6-3, Otamachi 2-Chome, Chiyoda-Ku,
Tokyo, Japan.

69. M/S Thyssen Henrichshutte Aktiengesellschaft,
Post-fach 360, 432 Hattingen, Brucher
Strasse 45, West Germany".

S. C. DEY

Secretary, Central Boilers Board.

F. No. BL 8(10)/ 70-Boilers.

New Delhi, the 24th December, 1977

Notification

G. S. R. — Whereas certain regulations, further to amend the Indian Boiler Regulations, 1950, were published as required by sub-section (1) of section 31 of the Indian Boilers Act, 1923 (5 of 1923) at page 1791 of the Gazette of India, Part II — Section 3 — Sub-Section (i), dated the 11th June, 1977 under the notification of the Government of India in the Ministry of Industry No. G.S.R. 710, dated the 21st May, 1977 inviting objections and suggestions from all persons likely to be affected thereby till the 11th September, 1977;

And Whereas the said Gazette was made available to the public on the 14th June, 1977;

And Whereas no objections or suggestions have been received;

Now, Therefore, in exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following regulations further to amend the Indian Boiler Regulations, 1950, namely: —

1. (1) These regulations may be called the Indian Boiler (Twenty Sixth Amendment) Regulations, 1977.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Boiler Regulations, 1950, in the list of "Well Known Steel Makers" in Appendix 'G', the following shall be added at the end, namely: —

"70. Messrs Mukand Iron and Steel Works Ltd.,
Lal Bahadur Shastri Marg, Kurla, Bombay".

S. C. DEY

Secretary, Central Boilers Board.

F. No. 8(15)/75-Boilers.